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Name (Print): Edward Dreyfus Reg No 22382

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

**APPLICANT(S):** Galina Troyanova et al.  
**SERIAL NO.:** 09/841,698  
**FILING DATE:** 04/24/2001  
**TITLE:** SYNONYM EXTENTION OF SEARCH QUERIES  
WITH VALIDATION  
**OUR DOCKET:** IMC-41U

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant(s) submit herewith a completed INFORMATION DISCLOSURE STATEMENT

BY APPLICANT, FORM PTO/SB/08A along with one (1) copy of each listed patent and other documents.

Respectfully submitted:

[Signature]  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Application Number</b>	09/841.698
		<b>Filing Date</b>	04/24/2001
		<b>First Named Inventor</b>	Galina Troyanova
		<b>Art Unit</b>	
		<b>Examiner Name</b>	
<b>Sheet</b>	1	<b>of</b>	4
		<b>Attorney Docket Number</b>	IMC-41U

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 4868750	09/19/1989	Kucera et al.	
		US- 4887212	12/12/1989	Zamora et al.	
		US- 5060155	10/22/1991	van Zuijen	
		US- 5146405	09/08/1992	Church	
		US- 5424947	06/13/1995	Naqao et al.	
		US- 5878385	03/02/1999	Bralich et al.	
		US- 5844798	12/01/1998	Uramoto	
		US- 5802504	09/01/1998	Suda et al.	
		US- 5799268	08/25/1998	Boouraev	
		US- 5696916	12/09/1997	Yamazaki et al.	
		US- 5614899	03/25/1997	Tokuda et al.	
		US- 5331556	07/19/1994	Black Jr. et al.	
		US- 5377103	12/27/1994	Lamberti et al.	
		US- 5559940	09/24/1996	Hutson	
		US- 5761497	06/21/1998	Holt et al.	
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		US- 4864502	09/05/1989	Kucera et al.	
		US- 5394509	02/28/1995	Winston	
		US-			

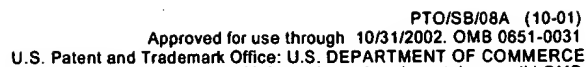
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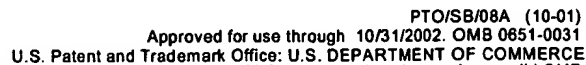
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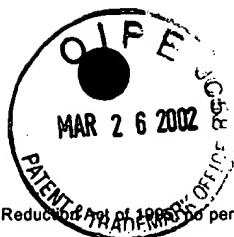
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PTO/SB/088 (10-01)  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/841,698
		Filing Date	04/24/2001
		First Named Inventor	Galina Troyanova
		Group Art Unit	
Examiner Name		Attorney Docket Number	IMC-41U
Sheet	4	of	4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		"A Non-projective Dependency Parser", Fifth Conference On Applied Natural Language Processing, 31 March - 3 April 1997, Association for Computational Linguistics	
		Software Agents, AAAI Press/The MIT Press, 1997, Chapter 10-Lifelike Computer Characters: The Persona Project at Microsoft, Gene Gail, Dan Ling, David Kurlander, John Miller, David Pugh, Tim Skelly, Andy Stankosky, Davis Thiel, Maarten Van Dantzych, and Trace Wax	
		Software Agents, AAAI Press/The MIT Press, 1997, Chapter 12 - The M System, Doug RieckenSoftware Agents, AAAI Press/The MIT Press, 1997, Chapter 12 - The M System, Doug Riecken	
		Amble T., "BusTUC-A Natural Language Bus Route Oracle", Proceedings of the 6th Applied Natural Language Processing Conference, pp. 1-6, April 29-May 4, 2000	
		Radev D.R. et al. "Ranking Suspected Answers to Natural Language Question Using Predictive Annotation", Proceedings of the 6th Applied Natural Language Processing Conference, pp. 150-157, April 29-May 4, 2000	
		Srihari R. et al. "A Question Answering System Supported by Information Extraction", Proceedings of the 6th Applied Natural Language Processing Conference, pp. 166-172, April 29-May 4, 2000	
		Cardie C. et al. "Examining the Role of Statistical and Linguistic Knowledge Sources in a General-Knowledge Question-Answering System", Proceedings of the 6th Applied Natural Language Processing Conference, pp. 180-187, April 29-May 4, 2000	
		Woods W.A. et al. "Linguistic Knowledge Can Improve Information Retrieval", Proceedings of the 6th Applied Natural Language Processing Conference, pp. 262-267, April 29-May 4, 2000	

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